

SUBSTITUTE FORM PTO-1449
(MODIFIED)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
04455/024001SERIAL NO.
07/824,287INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
(Use several sheets if necessary)APPLICANT
Kazufumi OGAWA et al.FILING DATE
January 23, 1992GROUP
1508

(37 CFR 1.98(b))

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>W. J. M. C.</i>	AA	4 5 3 9 0 6 1	09/03/85	Sagiv	156	278	150
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
<i>W. J. M. C.</i>	AL	EP-A-0346074	12-13-89	Europe	—	—	X	
<i>W. J. M. C.</i>	AM	EP-A-0482613	04-29-92	Europe	—	—	X	
<i>W. J. M. C.</i>	AN	EP-A-0491251	06-24-92	Europe	—	—	X	
	AO							
	AP							

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

	AQ	
	AR	
	AS	

EXAMINER

W. J. M. C.

DATE CONSIDERED

11-25-92

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>M. N. P.</i>	AA	4 5 3 9 0 6 1	09-03-85	Sagiv	156	278	85
<i>M. N. P.</i>	AB	4 8 6 3 7 9 4	09-05-89	Fujii	478	325	
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
<i>M. N. P.</i>	AL	EP-A-O 363 924	10-11-89	Europe	—	—	—	—
<i>M. N. P.</i>	AM	EP-A-O 386 784	03-09-90	Europe	—	—	—	—
	AN							
	AO							
	AP							

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>M. N. P.</i>	AQ	World Patents Index Latest, Derwent Publications Ltd., London, GB; AN 86-065417 &
		JP-A-61 016 910 (Hitachi Cable KK), January 24, 1986 (abstract).
	AR	
	AS	

EXAMINER

M. N. P.

DATE CONSIDERED

11-25-92

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